Shangbin Jin

List of Publications by Year
in descending order

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58	8,251	76326	128289
papers	citations	40 h-index	60 g-index

64	64	64	7000
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peroxydisulfate bridged photocatalysis of covalent triazine framework for carbamazepine degradation. Chemical Engineering Journal, 2022, 427, 131613.	12.7	18
2	A steric hindrance alleviation strategy to enhance the photo-switching efficiency of azobenzene functionalized metalâ€“organic frameworks toward tailorable carbon dioxide capture. Journal of Materials Chemistry A, 2022, 10, 8303-8308.	10.3	11
3	Progress in synthesis of highly crystalline covalent organic frameworks and their crystallinity enhancement strategies. Chinese Chemical Letters, 2022, 33, 2856-2866.	9.0	27
4	2D metal-free heterostructure of covalent triazine framework/g-C3N4 for enhanced photocatalytic CO2 reduction with high selectivity. Chinese Journal of Catalysis, 2022, 43, 1306-1315.	14.0	74
5	Dispersive 2D Triptycene-Based Crystalline Polymers: Influence of Regioisomerism on Crystallinity and Morphology. Jacs Au, 2022, 2, 1638-1650.	7.9	5
6	Pyrene-based covalent triazine framework towards high-performance sensing and photocatalysis applications. Science China Materials, 2021, 64, 149-157.	6.3	20
7	Two-dimensional crystalline covalent triazine frameworks via dual modulator control for efficient photocatalytic oxidation of sulfides. Journal of Materials Chemistry A, 2021, 9, 16405-16410.	10.3	29
8	Transition-metal-free radical homocoupling polymerization to synthesize conjugated poly(phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	3
9	Covalent triazine frameworks constructed via benzyl halide monomers showing high photocatalytic activity in biomass reforming. Chemical Communications, 2021, 57, 5147-5150.	4.1	21
10	Crystallization of Covalent Triazine Frameworks via a Heterogeneous Nucleation Approach for Efficient Photocatalytic Applications. Chemistry of Materials, 2021, 33, 1994-2003.	6.7	48
11	The Exfoliation of Crystalline Covalent Triazine Frameworks by Glycerol Intercalation. Advanced Materials Interfaces, 2021, 8, 2100374.	3.7	6
12	Strongâ€Baseâ€Assisted Synthesis of a Crystalline Covalent Triazine Framework with High Hydrophilicity via Benzylamine Monomer for Photocatalytic Water Splitting. Angewandte Chemie - International Edition, 2020, 59, 6007-6014.	13.8	254
13	An artificial photosynthesis system comprising a covalent triazine framework as an electron relay facilitator for photochemical carbon dioxide reduction. Journal of Materials Chemistry C, 2020, 8, 192-200.	5.5	43
14	Constructing electron delocalization channels in covalent organic frameworks powering CO2 photoreduction in water. Applied Catalysis B: Environmental, 2020, 274, 119096.	20.2	113
15	Donorâ€“Acceptor Charge Migration System of Superhydrophilic Covalent Triazine Framework and Carbon Nanotube toward High Performance Solar Thermal Conversion. ACS Energy Letters, 2020, 5, 1300-1306.	17.4	47
16	Intermolecular cascaded Ï€-conjugation channels for electron delivery powering CO2 photoreduction. Nature Communications, 2020, 11, 1149.	12.8	147
17	Palladium as a Superior Cocatalyst to Platinum for Hydrogen Evolution Using Covalent Triazine Frameworks as a Support. ACS Applied Materials & Interfaces, 2020, 12, 12774-12782.	8.0	56
18	Strongâ€Baseâ€Assisted Synthesis of a Crystalline Covalent Triazine Framework with High Hydrophilicity via Benzylamine Monomer for Photocatalytic Water Splitting. Angewandte Chemie, 2020, 132, 6063-6070.	2.0	65

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19	Hollow Covalent Triazine Frameworks with Variable Shell Thickness and Morphology. Advanced Functional Materials, 2019, 29, 1904781.	14.9	80
20	Design of Dâ€“A₁â€“A₂ Covalent Triazine Frameworks via Copolymerization for Photocatalytic Hydrogen Evolution. ACS Catalysis, 2019, 9, 9438-9445.	11.2	172
21	Covalent triazine frameworks: synthesis and applications. Journal of Materials Chemistry A, 2019, 7, 5153-5172.	10.3	433
22	Rapid Polymerization of Aromatic Vinyl Monomers to Porous Organic Polymers via Acid Catalysis at Mild Condition. Macromolecular Rapid Communications, 2019, 40, e1900168.	3.9	4
23	Stable Covalent Organic Frameworks for Photochemical Applications. ChemPhotoChem, 2019, 3, 973-983.	3.0	48
24	Porosity Modulation in Two-Dimensional Covalent Organic Frameworks Leads to Enhanced Iodine Adsorption Performance. Industrial & Engineering Chemistry Research, 2019, 58, 10495-10502.	3.7	66
25	Layered Thiazolo[5,4-d] Thiazole-Linked Conjugated Microporous Polymers with Heteroatom Adoption for Efficient Photocatalysis Application. ACS Applied Materials & Interfaces, 2019, 11, 15861-15868.	8.0	57
26	Controlling Monomer Feeding Rate to Achieve Highly Crystalline Covalent Triazine Frameworks. Advanced Materials, 2019, 31, e1807865.	21.0	158
27	Efficient Synthesis of Ultrafine Gold Nanoparticles with Tunable Sizes in a Hyper-Cross-Linked Polymer for Nitrophenol Reduction. ACS Applied Nano Materials, 2019, 2, 546-553.	5.0	42
28	Recent Advancements in the Synthesis of Covalent Triazine Frameworks for Energy and Environmental Applications. Polymers, 2019, 11, 31.	4.5	65
29	Embedding Carbon Nitride into a Covalent Organic Framework with Enhanced Photocatalysis Performance. Chemistry - an Asian Journal, 2018, 13, 1674-1677.	3.3	51
30	A Facile Approach to Prepare Multiple Heteroatom-Doped Carbon Materials from Imine-Linked Porous Organic Polymers. Scientific Reports, 2018, 8, 4200.	3.3	57
31	Heteroatom-rich porous organic polymers constructed by benzoxazine linkage with high carbon dioxide adsorption affinity. Journal of Colloid and Interface Science, 2018, 509, 457-462.	9.4	45
32	Engineering heteroatoms with atomic precision in donorâ€“acceptor covalent triazine frameworks to boost photocatalytic hydrogen production. Journal of Materials Chemistry A, 2018, 6, 19775-19781.	10.3	172
33	Crystalline Covalent Triazine Frameworks by Inâ€…Situ Oxidation of Alcohols to Aldehyde Monomers. Angewandte Chemie, 2018, 130, 12144-12148.	2.0	50
34	Crystalline Covalent Triazine Frameworks by Inâ€…Situ Oxidation of Alcohols to Aldehyde Monomers. Angewandte Chemie - International Edition, 2018, 57, 11968-11972.	13.8	266
35	Soluble Hyperbranched Porous Organic Polymers. Macromolecular Rapid Communications, 2018, 39, e1800441.	3.9	13
36	Simple Fabrication of Titanium Dioxide/N-Doped Carbon Hybrid Material as Non-Precious Metal Electrocatalyst for the Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2017, 9, 18782-18789.	8.0	24

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37	Wettable magnetic hypercrosslinked microporous nanoparticle as an efficient adsorbent for water treatment. Chemical Engineering Journal, 2017, 326, 109-116.	12.7	67
38	Layered microporous polymers by solvent knitting method. Science Advances, 2017, 3, e1602610.	10.3	135
39	Covalent Triazine Frameworks via a Lowâ€Temperature Polycondensation Approach. Angewandte Chemie, 2017, 129, 14337-14341.	2.0	83
40	Covalent Triazine Frameworks via a Lowâ€Temperature Polycondensation Approach. Angewandte Chemie - International Edition, 2017, 56, 14149-14153.	13.8	441
41	Morphology design of microporous organic polymers and their potential applications: an overview. Science China Chemistry, 2017, 60, 1056-1066.	8.2	36
42	Fabrication of Hollow Microporous Carbon Spheres from Hyperâ€Crosslinked Microporous Polymers. Small, 2016, 12, 3134-3142.	10.0	64
43	Template-mediated Synthesis of Hollow Microporous Organic Nanorods with Tunable Aspect Ratio. Scientific Reports, 2016, 6, 31359.	3.3	29
44	Engaging Copper(III) Corrole as an Electron Acceptor: Photoinduced Charge Separation in Zinc Porphyrinâ€“Copper Corrole Donorâ€“Acceptor Conjugates. Chemistry - A European Journal, 2016, 22, 1301-1312.	3.3	25
45	Supercapacitive hybrid materials from the thermolysis of porous coordination nanorods based on a catechol porphyrin. Journal of Materials Chemistry A, 2016, 4, 5737-5744.	10.3	42
46	Creation of Superheterojunction Polymers via Direct Polycondensation: Segregated and Bicontinuous Donorâ€“Acceptor Ï€-Columnar Arrays in Covalent Organic Frameworks for Long-Lived Charge Separation. Journal of the American Chemical Society, 2015, 137, 7817-7827.	13.7	213
47	Electrochemically active, crystalline, mesoporous covalent organic frameworks on carbon nanotubes for synergistic lithium-ion battery energy storage. Scientific Reports, 2015, 5, 8225.	3.3	303
48	Rational design of crystalline supermicroporous covalent organic frameworks with triangular topologies. Nature Communications, 2015, 6, 7786.	12.8	274
49	Twoâ€Dimensional Tetrathiafulvalene Covalent Organic Frameworks: Towards Latticed Conductive Organic Salts. Chemistry - A European Journal, 2014, 20, 14608-14613.	3.3	147
50	Conjugated microporous polymers: design, synthesis and application. Chemical Society Reviews, 2013, 42, 8012.	38.1	1,459
51	Conjugated organic framework with three-dimensionally ordered stable structure and delocalized Ï€ clouds. Nature Communications, 2013, 4, 2736.	12.8	528
52	An Azine-Linked Covalent Organic Framework. Journal of the American Chemical Society, 2013, 135, 17310-17313.	13.7	706
53	Large pore donorâ€“acceptor covalent organic frameworks. Chemical Science, 2013, 4, 4505.	7.4	127
54	Charge Dynamics in A Donorâ€“Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions. Angewandte Chemie - International Edition, 2013, 52, 2017-2021.	13.8	263

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55	Pore surface engineering in covalent organic frameworks. Nature Communications, 2011, 2, 536.	12.8	387
56	Highly active asymmetric Dielsâ€“Alder reactions catalyzed by C2-symmetric bipyrrolidines: catalyst recycling in water medium and insight into the catalytic mode. Tetrahedron, 2010, 66, 3849-3854.	1.9	23
57	Highly efficient asymmetric organocatalytic Friedelâ€“Crafts alkylation of indoles with Î±,Î²-unsaturated aldehydes. Organic and Biomolecular Chemistry, 2010, 8, 4011.	2.8	31
58	C2-Symmetric bipyrrolidines as organocatalysts for asymmetric Dielsâ€“Alder reactions. Tetrahedron Letters, 2009, 50, 7388-7391.	1.4	21